

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Andrew L. JACKSON

Serial No.: 10/029,879

Filed: December 31, 2001

Group Art Unit: 2664

Examiner: Unassigned

RECEIVED

JUN 24 2002

Technology Center 2600

For: DEVICE AND METHOD FOR FILTERING NETWORK TRAFFIC

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

JUN 26 2002

Director of the United States  
Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant respectfully requests consideration of the references listed on the attached Form PTO/SB/08A.

Copies of the references listed are also enclosed.

Applicant respectfully requests that the Examiner consider the references cited on the PTO/SB/08A and that the Examiner indicate that the references have been considered in this application by returning a copy of the Form PTO/SB/08A with the Examiner's initials in the left column per MPEP 609.

Applicants' submission of this Supplemental Information Disclosure Statement (IDS) shall not be construed as an admission that the cited references are prior art to the present invention, or that the cited references qualify as printed publications. The submission of this Supplemental IDS also shall not be construed as a representation that

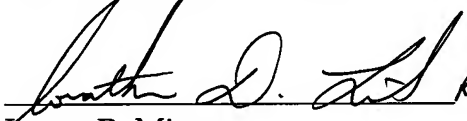
a prior art search has been performed.

This Supplemental IDS is submitted prior to the issuance of a first Office Action on the merits; therefore, it is believed that no fees are required in connection therewith. If any fees are necessitated by the filing of this Supplemental Information Disclosure Statement, please charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

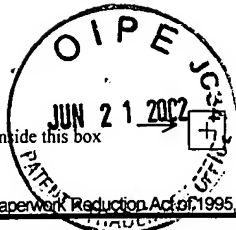
HUNTON & WILLIAMS

Date: 21 JUN 2002

  
For: James R. Miner Reg. No. 41,548  
Registration No. 40,444

1900 K Street, N.W., Suite 1200  
Washington, D.C. 20006-1109  
Ph. (202) 955-1500  
Fax (202) 778-2201

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### Complete if Known

Application Number	10/029,879
Filing Date	December 31, 2001
First Named Inventor	Andrew L. JACKSON
Group Art Unit	2664
Examiner Name	Unassigned
Attorney Docket Number	56162.000311

Sheet 1 of 2

RECEIVED

JUN 24 2002

Technology Center 2600

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	U1	4,975,906		Takiyasu et al.	12-04-1990	
	U2	5,087,400		Theuveny	02-11-1992	
	U3	5,144,622		Takiyasu et al.	09-01-1992	
	U4	5,151,897		Suzuki	09-29-1992	
	U5	5,329,527		Ujihashi et al.	07-12-1994	
	U6	5,530,703		Liu et al.	06-25-1996	
	U7	5,548,589		Jeon et al.	08-20-1996	
	U8	5,570,366		Baker et al.	10-29-1996	
	U9	5,586,254		Kondo et al.	12-17-1996	
	U10	5,594,676		Greggain et al.	01-14-1997	
	U11	5,724,346		Kobayashi et al.	03-03-1998	
	U12	5,757,795		Schnell	05-26-1998	
	U13	5,818,838		Backes et al.	10-06-1998	
	U14	5,828,833		Belville et al.	10-27-1998	
	U15	5,845,091		Dunne et al.	12-01-1998	
	U16	5,852,607		Chin	12-22-1998	
	U17	5,898,679		Brederveld et al.	04-27-1999	
	U18	5,926,626		Takeuchi et al.	07-20-1999	
	U19	5,970,066		Lowry et al.	10-19-1999	
	U20	5,978,940		Newman et al.	11-02-1999	
	U21	5,987,633		Newman et al.	11-16-1999	
	U22	6,041,058		Flanders et al.	03-21-2000	
	U23	6,047,325		Jain et al.	04-04-2000	
	U24	6,064,674		Doidge et al.	05-16-2000	
	U25	6,076,168		Fiveash et al.	06-13-2000	
	U26	6,081,533		Laubach et al.	06-27-2000	
	U27	6,081,511		Carr et al.	06-27-2000	
	U28	6,115,390		Chuah	09-05-2000	
	U29	6,137,797		Bass et al.	10-24-2000	
	U30	6,172,991		Mori	01-09-2001	
	U31	6,172,980		Flanders et al.	01-09-2001	
	U32	6,233,242		Mayer et al.	05-15-2001	

Examiner  
Signature

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box

JUN 21 2002

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 2

### Complete if Known

Application Number	10/029,879
Filing Date	December 31, 2001
First Named Inventor	Andrew L. JACKSON
Group Art Unit	2664
Examiner Name	Unassigned
Attorney Docket Number	56162.000311

RECEIVED  
JUN 24 2002

Technology Center 2600

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	P1	Leigh Anne Chisholm, Layer 2 Switching and Bridging, pp. 1-27	
	P2	Marcel Waldvogel et al., Scalable High Speed IP Routing Lookups, 12 pages	
	P3	LAN Switching, Internetworking Technology Overview, June 1999, 22-1 to 22-4	
	P4	AVL Tree, Background of AVL tree, pp. 1-5, Dated 7/31/01 < <a href="http://www.cas.mcmaster.ca/~cs3ea3/1996-1999/99/logins/d/5/public_html">http://www.cas.mcmaster.ca/~cs3ea3/1996-1999/99/logins/d/5/public_html</a> >	
	P5	Packet Switching and the Future of Communication, F. Cody Casterline, Nov. 30, 2000, pp. 1-5 < <a href="http://www.cs.utexas.edu/users/codyc/lin312/grouppage/papers/packets.html">http://www.cs.utexas.edu/users/codyc/lin312/grouppage/papers/packets.html</a> >	
	P6	Chuck Semeria, Juniper Networks, Inc., Filter-based Forwarding, 5/23/01 < <a href="http://www.juniper.net/techcenter/notes/552003.html">http://www.juniper.net/techcenter/notes/552003.html</a> >	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.